ABSTRACT

[0026] A method of synchronizing cyclemasters over a distributed bridge is disclosed. The method comprises: a local portal sending a synchronization signal to a peer portal through a bridge fabric upon occurrence of a cycle synchronization event on the local portal; the peer portal sampling its local cycle timer to obtain a sample value when the peer portal receives the synchronization signal; a bridge manager at an upstream portal communicating the sample value to a bridge manager at an alpha portal; the bridge manager at the alpha portal using the sampled time value to compensate for delays through a bridge fabric, calculate the correction to be applied to a cycle timer associated with the alpha portal, and correct the cycle timer.